CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2019 TO 2024

PROJECT #	SDC0540000
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Rod Steitzer

PROJECT	FORBES CREEK / CROSS KIRKLAND CORRIDOR FISH PASSAGE IMPROVE	MENTS	
TITLE			
PROJECT	Forbes Creek crossing under the Cross Kirkland Corridor behind the	PROJECT START	PROJECT STATUS
LOCATION	business located at 10830 117th Ave NE	2020	Modified Project

DESCRIPTION/JUSTIFICATION

The grade of the existing culverts passing under a former railroad spur and under the Cross Kirkland Corridor tracks is too great creating an impediment to fish passage. Restore open channel under the former railroad spur and replace the culvert under Cross Kirkland Corridor track. This improvement will improve fish passage to upstream habitat.

REASON FOR MODIFICATION (WHERE APPLICABLE)

Project moved from 2021-2022 to 2020-2022 based on 2018 reprioritization of the Surface Water Master Plan criteria. Total project costs changed from \$669,500 to \$1,680,000 due to updated cost estimate including added Critical Areas Ordinance requirements and escalation for future years.

POLICY BASIS				
Surface Water Master Plan				

COUNCIL GOALS			
Environment			
Dependable Infrastructure			

METHOD OF FINAN	NCING (%)
Current Revenue	100%
Reserve	0%
Grants	0%
Other Sources	0%
Debt	0%
Unfunded	0%

CAPITAL	Prior							2019-2024	Future	Total
COSTS	Year(s)	2019	2020	2021	2022	2023	2024	TOTAL	Year(s)	Project
Planning/Design/ Engineering	0	0	57,000	169,000	96,000	0	0	322,000	0	322,000
In-House Professional Svcs.	0	0	29,000	84,000	48,000	0	0	161,000	0	161,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	230,500	627,000	356,000	0	0	1,213,500	0	1,213,500
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	0	316,500	880,000	500,000	0	0	1,696,500	0	1,696,500
NEW MAINT. AND										
OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	Permitting and coordination will be required with the Cross Kirkland Corridor. No anticipated public impacts.
Community economic impacts	Would reduce the potential for property damage, localized flooding, channel migration/incision, and sedimentation of stormwater infrastructure.
Health and safety, environmental, aesthetic, or social effects	Improvements to Forbes Creek fish habitat are enhanced with these improvements.
Responds to an urgent need or opportunity	This project is identified in the Surface Water Master Plan.
Feasibility, including public support and project readiness	During the design development and community involvement process, the access and delivery needs of the neighbors will be addressed. This project does not present significant engineering issues. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Will be designed and constructed per professional and legal standards and guidelines.
Responds to state and/or federal mandate	Environmental and habitat enhancement for fish including native cutthroat and other species is consistent with the Endangered Species Act.
Benefits to other capital projects	A number of projects are identified in the Forbes Creek basin; this is one element of those improvements.
Implications of deferring the project	Continued flooding, sedimentation, channel migration/incision, habitat degradation, reduction of downstream conveyance capacity, damage to downstream capital projects and possible violations of state and/or federal stormwater regulations.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: South Juanita Is there a specific reference to this project or land use in the immediate vicinity? No How does the project conform to such references? Attachments (Specify)
LEVEL OF SERVICE IMPACT	 □ Project provides no new capacity (repair, replacement or renovation). ☑ Project provides new capacity. Amount of new capacity provided: approximately 30-50% □ Project assists in meeting/maintaining adopted level of service. □ Project required to meet concurrency standards.